

(Kernbindemittel), graphite, form powder, etc. Some of these are replaced by available substitutes, such as schist-tallow powder (Schiefertalgmehl) and lignite dust for form powder and brick dust (Ziegelnehl) for graphite and lycopodium.

5. Foundry machine equipment, which was formerly imported from Western Germany, can not yet be supplied by Thuringian factories, which are hardly beyond the initial stages. The most urgent equipment needs are:

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- 24 form machines (Formmaschinen)
- 6 compressors
- 6 sand blast blowers (Sandstrahlgebläse)
- 6 electric lifting engines (Hebezeuge)
- 6 core sand mixing machines
- 4 sand dressing machines
- 6 rotary sand sieves

In order to maintain the production schedule, about 750 tons of hematite and raw iron per quarter are also required. By the end of 1946, eighteen foundries had closed because of material shortages and the number had increased to forty-four by 17 March 1947.

6. Of the forty metal foundries in Thuringia, the most important are Rheinmetall Borsig in Sömmerda (H39) and F.C. Schlotthauer in Ruhla (H85). Production is now mainly based on scrap material furnished by the Schrott-und-Altstoff G.m.b.H. in Thuringia. Owing to lack of raw materials, fuel, and energy, twenty-eight metal foundries closed in January and February 1947.
7. Among wire-works, the most important, Drahtzieherei Edmund Schwartzkopf in Brotterode (H95) and Kaltwalzwerk Jung & Dittmar in Bad Salzungen (H74), depend upon importation of rolled wire and strip iron from Western Germany. Since the amount is insufficient, only a fraction of the wire production capacity is in use.
8. The only plant in the Russian Zone producing hard metal is Hartmetallwerk Niederschmalkalden (Werrawerk) (H84), which, on a production schedule of forty-two tons in 1946, completed thirty-seven tons. A branch enterprise is to be established during 1947 in the dismantled buildings of the firm Schmüle & Co. in Immelborn (H74); through its operations, the 1947 production is supposed to increase to ninety-seven tons.

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